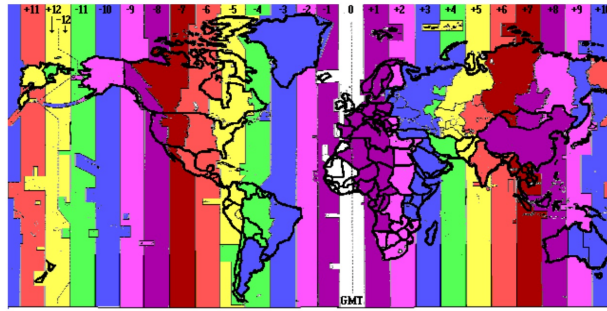


What is this?



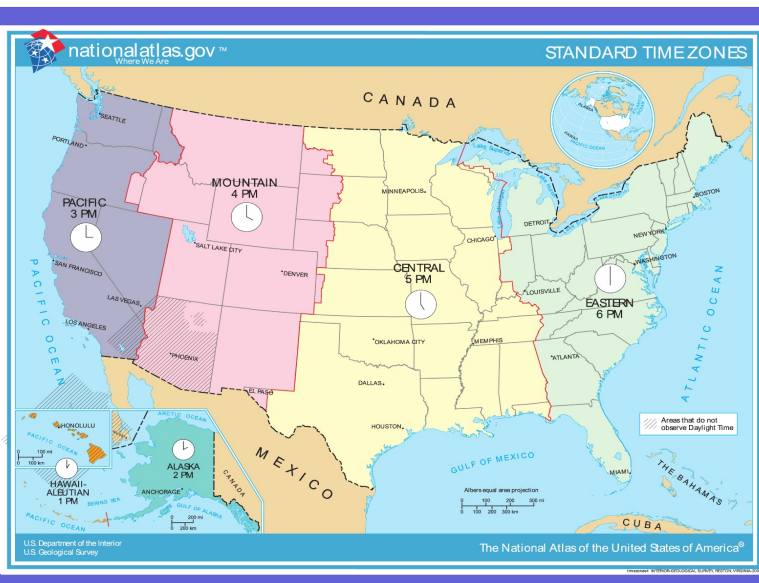
The earth is divided into 24 time zones, each of which is approximately 15 degrees of longitude wide.

In 1884, most nations agreed to standardize time and that Greenwich would be where all time is measured from.

Greenwich Mean Time (GMT) The zero degree longitude line or the Prime Meridian passes through Greenwich

Because Earth rotates from west to east, the hours grow earlier from east to west. When it is 3:00 P.M. in Moscow, it is noon in London.

To determine the standard time for any time zone in the world, add one hour for each time zone east of Greenwich. Subtract one hour for each time zone counted in a westerly direction from Greenwich.

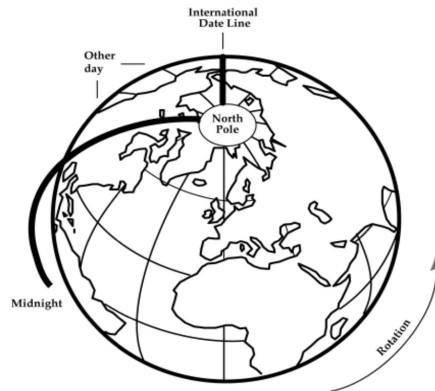
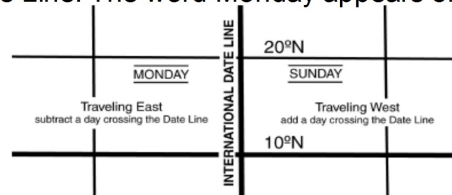


A day is born and changes at the International Date Line. It is 180° from the Prime Meridian or half the way around the world from it.

A day begins on Earth when the International Date Line passes the time point of midnight.

This line is not straight but changes direction to keep parts of some nations in the same day.

Note the word Sunday on the right, or east side, of the International Date Line. The word Monday appears on the west or left side.



24. The "Other Day" part of the world is Tuesday, June 23rd. What day and date is the rest of the world experiencing? _____

25. If most of the world is experiencing Monday, July 29th, what is the day and date in the area of the "Other Day"? _____

These three pictures show the Earth at three different time points. Answer the questions about each of these depictions. Use the globe to find the answers.

17.



If it is 3:00 AM, Sunday at the International Date Line, what time and day is it at:

- A. 75°W _____
 B. 15°E _____

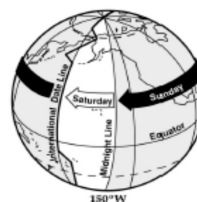
18.



If it is 12:00 Noon, Sunday at the International Date Line, what time and day is it at:

- A. 75°W _____
 B. 15°E _____

19.



If it is 10:00 PM, Sunday at the International Date Line, what time and day is it at:

- A. 75°W _____
 B. 15°E _____

